

I am a ham radio operator, call sign KC0OLH, Technician class. Under current FCC regulations, neither I nor anyone else is allowed to cause, and likewise must make every effort to minimize and/or prevent, undue, deliberate, or malicious interference to the amateur radio service, or any other public service or broadcast radio/tv service. This goes for internet service providers. While on the surface, BPL sounds like a good idea, the RF employed for data transmission will be sent over unbalanced, unshielded lines. This will radiate. Services using SWL, AM, HF, as well as VHF/UHF will be hindered by interference. This interference will include propagation methods used by these services. And harmonics will be included in the interference at higher frequencies. Plus, as a former electrician, this would force the industry to create a new receptacle design and wiring methods, as well as spend money for training electricians to install this new wiring type. An alternative, have the telecomm industry expand the T-1 and fiberoptics setup to include the rural areas.